

PATENT
Customer No. 22,852
Attorney Docket No. 3806.0050-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
BLANCHE et al.) Group Art Unit: 1652
)
Application No.: 10/724,598) Examiner: K. Kerr (Prior Appln.)
)
Filed: December 1, 2003) Confirmation No.: 8180
)
For: METHODS OF INCREASING THE PRODUCTION
OF COBALAMINS USING COB GENE EXPRESSION (As Amended)

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for this application.

A copy of U.S. Patent No. 6,656,709 is enclosed. Copies of the other listed document were previously submitted or cited by the Examiner in prior Application Nos. 08/426,630 filed April 21, 1995, and 07/916,151 filed September 14, 1992, upon which applicants rely for the benefits provided in 35 U.S.C. § 120. Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

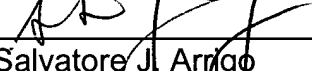
Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

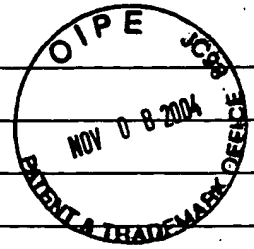
FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: November 8, 2004

By: 
Salvatore J. Arrigo
Reg. No. 46,063
Telephone: 202-408-4160
Facsimile: 202-408-4400
E-mail: arrigos@finnegan.com

INFORMATION DISCLOSURE CITATION

OMB No. 0651-0011



Atty. Docket No.	3806.0050-02	Appin. No.	10/724,598
Applicant	BLANCHE et al.		
Filing Date	December 1, 2003	Group:	1652

U.S. PATENT DOCUMENTS						
Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	6,656,709	12/02/03	Blanche et al.			
	3,018,225	01/23/62	Long	435	86	

FOREIGN PATENT DOCUMENTS						
	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
	WO A 8701391	12/1987	PCT			

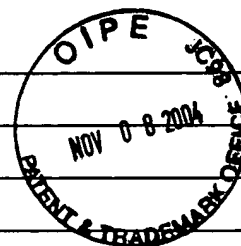
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Cameron et al., "Cloning and analysis of genes involved in coenzyme B12 biosynthesis in <i>Pseudomonas denitrificans</i> ," <i>Journal of Bacteriology</i> , 171(1):547-557, American Society of Microbiology (Washington, D.C. US) (1989)
	Blanche et al., "Purification and characterization of S-adenosyl-L-methionine: Uroporphyrinogen III methyl-transferase from <i>Pseudomonas dentrificans</i> ," <i>Journal of Bacteriology</i> , 171(8):4222-4231, American Society of Microbiology (Washington, D.C.) (1989)

Examiner	Date Considered
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce

INFORMATION DISCLOSURE CITATION

OMB No. 0651-0011

Atty. Docket No.	3806.0050-02	Appln. No.	10/724,598
Applicant	BLANCHE et al.		
Filing Date	December 1, 2003	Group:	1652



U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS							
		Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Sasarman, <i>Rev. Can. Biol. Exp.</i> 42(3):308-309 (1983)
	Brey et al., <i>J. Bacteriol.</i> 167:623-630 (1986)
	Crouzet et al., <i>J. Bacteriol.</i> , 172:5968-5979 (1990)
	Crouzet et al., <i>J. Bacteriol.</i> , 172:5980-5990 (1990)
	Cameron et al., <i>J. Bacteriol.</i> , 173:6058-6065 (1991)
	Cameron et al., <i>J. Bacteriol.</i> , 173:6066-6073 (1991)
	Crouzet et al., <i>J. Bacteriol.</i> , 173:6074-6087 (1991)

Examiner	Date Considered
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	
<p>Form PTO 1449 Patent and Trademark Office - U.S. Department of Commerce</p>	